

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	34	virus same remotely same encrypt\$	US-PGPUB; USPAT	OR	ON	2006/10/19 14:42
L2	114	(virus anti-virus antivirus) same remote\$ same encrypt\$	US-PGPUB; USPAT	OR	ON	2006/10/19 14:51
L3	1179	(virus anti-virus antivirus) with server	US-PGPUB; USPAT	OR	ON	2006/10/19 14:51
L4	121	(virus anti-virus antivirus) near server	US-PGPUB; USPAT	OR	ON	2006/10/19 15:03
L5	1	"6195587".pn.	US-PGPUB; USPAT	OR	ON	2006/10/19 15:23
L6	4	("6195587").URPN.	USPAT	OR	ON	2006/10/19 15:23
L7	4	("6195587").URPN. and (encrypt\$ crypto\$)	USPAT	OR	ON	2006/10/19 15:23
L14	306	713/161.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/19 16:37
L15	25	("20020007453" "20020091776" "20020095607" "20020095607" "20020129237" "20020147780" "20020157008" "20040054886" "5832208" "5889943" "6145079" "6161181" "6199052" "6321267" "6393568" "6442600" "6487586" "6584564" "6609196" "6650890" "6654787" "6701440" "6721721" "6772196" "6851049" "6851058").PN.	US-PGPUB; USPAT	OR	ON	2006/10/19 16:37
L16	27	(US-20020091776-\$ or US-20020095607-\$ or US-20020129237-\$ or US-20020157008-\$ or US-20040054886-\$ or US-20020007453-\$ or US-20020147780-\$).did. or (US-5623600-\$ or US-5832208-\$ or US-5889943-\$ or US-6145079-\$ or US-6161181-\$ or US-6199052-\$ or US-6321267-\$ or US-6393568-\$ or US-6442600-\$ or US-6487586-\$ or US-6584564-\$ or US-6654787-\$ or US-6701440-\$ or US-6721721-\$ or US-6772196-\$ or US-6851049-\$ or US-6851058-\$ or US-6609196-\$ or US-6650890-\$ or US-6195587-\$).did.	US-PGPUB; USPAT	OR	ON	2006/10/19 16:38
L17	2	l16 not l15	US-PGPUB; USPAT	OR	ON	2006/10/19 16:38
S1	98	("6389541" "6154543" "5818447" "6314456" "6330589" "5764899" "6430576" "6564249" "6092114" "6892105" "6223213" "6223213" "5633916" "6073142" "5923846" "6202157" "6304898" "6324587" "6327578" "6351271" "6351523" "6460075" "6618747" "6662195" "6671715" "6694316" "6699125" "6711154" "6741980" "6763373" "6842779" "6859834" "6879995" "6353448" "6405225" "6212550" "6212550" "6351761" "6563912" "6397254" "6421705" "6321267" "5920697" "6640301" "6836895" "6625642" "5706434" "5850518" "6272468" "6546417").pn. ("6828989" "5774668" "5951694" "6065055" "6181781" "6275850" "6430567" "6449635" "6489980" "6505237" "6525747" "6557036" "6606647" "6609138" "6647409" "6747970" "6763384" "6772196" "6779022" "6789203" "6799276" "6865594" "5751814" "6035327" "6742043" "6078820" "6104500" "6125281" "6163809" "6438217" "6782427" "6792544" "5764639" "5889845" "6023345" "6327579" "6370139" "6411943" "6118856" "6023223" "5812398" "6412112" "6453361" "6873841" "6363154" "6081899" "6442600" "6584564" "6754661" "6868160").pn.	US-PGPUB; USPAT	OR	ON	2005/11/22 13:50
S2	7	("6199052" "6145079" "6161181" "5623600" "6321267" "5832208" "5889943").PN.	US-PGPUB; USPAT	OR	ON	2005/05/27 06:57
S3	1876	(e\$1mail e-mail email) same (valid\$6 authentic\$6 verify\$6) same (network\$4 remot\$6)	US-PGPUB; USPAT	OR	ON	2006/05/04 07:41
S4	230	(e\$1mail e-mail email) same (valid\$6 authentic\$6 verify\$6) same (network\$4 remot\$6) and virus\$4	US-PGPUB; USPAT	OR	ON	2005/11/22 13:21
S5	96	secure adj multi\$1purpose adj internet adj mail adj extension	US-PGPUB; USPAT	OR	ON	2005/05/27 07:12
S6	96	secure adj (multi\$1purpose multi adj purpose multi-purpose) adj internet adj mail adj extension	US-PGPUB; USPAT	OR	ON	2005/05/27 07:12

## EAST Search History

S7	21	(secure adj (multi\$1purpose multi adj purpose multi-purpose) adj internet adj mail adj extension) and virus\$6	US-PGPUB; USPAT	OR	ON	2005/05/27 07:12
S9	21	(secure adj (multi\$1purpose multi adj purpose multi-purpose) adj internet adj mail adj extension) and virus\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 08:30
S10	101	secure adj (multi\$1purpose multi adj purpose multi-purpose) adj internet adj mail adj extension	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 07:12
S11	100	secure adj multi\$1purpose adj internet adj mail adj extension	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 07:12
S12	230	(e\$1mail e-mail email) same (valid\$6 authentic\$6 verify\$6) same (network\$4 remot\$6) and virus\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 07:59
S13	224	(e\$1mail e-mail email) same (valid\$6 authentic\$6 verify\$6) same (network\$4 remot\$6) and virus\$4 and server and system	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 08:00
S14	170	(e\$1mail e-mail email) same (server system) same (valid\$6 authentic\$6 verify\$6) same (network\$4 remot\$6) and virus\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 08:01
S15	18	(US-20020104026-\$ or US-20020007453-\$ or US-20020169954-\$ or US-20020129237-\$ or US-20040054886-\$).did. or (US-5832208-\$ or US-5889943-\$ or US-5623600-\$ or US-6161181-\$ or US-6145079-\$ or US-6609196-\$ or US-6584564-\$ or US-6321267-\$ or US-6442600-\$ or US-6654787-\$ or US-6772196-\$ or US-6199052-\$ or US-6650890-\$).did.	US-PGPUB; USPAT	OR	ON	2005/05/27 08:42
S16	6	("5987610" "5983348" "6721424" "6067410" "6334189" "6357008").pn.	US-PGPUB; USPAT	OR	ON	2005/05/27 09:24
S17	16	(US-20020007453-\$ or US-20020129237-\$ or US-20040054886-\$).did. or (US-6654787-\$ or US-6321267-\$ or US-6650890-\$ or US-5832208-\$ or US-5889943-\$ or US-6161181-\$ or US-6145079-\$ or US-6199052-\$ or US-5623600-\$ or US-6772196-\$ or US-6442600-\$ or US-6584564-\$ or US-6609196-\$).did.	US-PGPUB; USPAT	OR	ON	2005/05/27 09:56
S18	9	S17 and decrypt\$6	US-PGPUB; USPAT	OR	ON	2005/05/27 10:01
S19	1	"5632011".pn.	US-PGPUB; USPAT	OR	ON	2005/05/27 10:05
S20	373	s\$1mime	US-PGPUB; USPAT	OR	ON	2005/05/27 10:05
S21	396	s\$1mime	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 10:05

## EAST Search History

S22	167	s\$1mime and scan\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 10:05
S23	61	s\$1mime and scan\$6 and viru\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 10:05
S24	1	"6763467".pn.	US-PGPUB; USPAT	OR	ON	2005/05/27 10:10
S25	16	(US-20020007453-\$ or US-20020129237-\$ or US-20040054886-\$).did. or (US-6654787-\$ or US-6321267-\$ or US-6650890-\$ or US-5832208-\$ or US-5889943-\$ or US-6161181-\$ or US-6145079-\$ or US-6199052-\$ or US-5623600-\$ or US-6772196-\$ or US-6442600-\$ or US-6584564-\$ or US-6609196-\$).did.	US-PGPUB; USPAT	OR	ON	2005/05/27 13:46
S26	9	S25 and decrypt\$6	US-PGPUB; USPAT	OR	ON	2005/05/27 13:46
S27	7	S25 and s\$mime	US-PGPUB; USPAT	OR	ON	2005/05/27 13:46
S28	7	S25 and (s\$mime or s/mime)	US-PGPUB; USPAT	OR	ON	2005/05/27 13:47
S29	6	S26 and S28	US-PGPUB; USPAT	OR	ON	2005/05/27 14:18
S30	6	S26 and S28 and key	US-PGPUB; USPAT	OR	ON	2005/05/27 14:18
S31	6	S26 and S28 and key.detd. and decrypt\$6.detd. and encrypt\$6. detd. and s\$mime.detd.	US-PGPUB; USPAT	OR	ON	2005/05/27 14:28
S32	6	(US-20020129237-\$ or US-20040054886-\$).did. or (US-6145079-\$ or US-6161181-\$ or US-6199052-\$ or US-6609196-\$).did.	US-PGPUB; USPAT	OR	ON	2005/05/27 14:22
S33	6	S26 and S28 and key.detd. and decrypt\$6.detd. and encrypt\$6. detd. and s\$mime.detd. and user.detd.	US-PGPUB; USPAT	OR	ON	2005/05/27 14:45
S37	178	subsequent\$3 adj access\$6 with (email message)	US-PGPUB; USPAT	OR	ON	2005/05/27 15:57
S38	16	subsequent\$3 adj access\$6 with (email message) and ("713"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/05/27 15:57
S39	21	subsequent\$3 adj access\$6 with (email message) and ("713"/\$.ccls. or "380"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/05/27 15:59
S40	251	subsequent\$3 adj access\$6 with (valid\$6 authentica\$6)	US-PGPUB; USPAT	OR	ON	2005/05/27 15:59
S41	383	subsequent\$3 adj access\$6 with (\$valid\$6 \$authentica\$6)	US-PGPUB; USPAT	OR	ON	2005/05/27 15:59
S42	193	subsequent\$3 adj access\$6 with (\$valid\$6 \$authentica\$6)	USPAT	OR	ON	2005/05/27 16:00
S43	29	subsequent\$3 adj access\$6 with (\$valid\$6 \$authentica\$6) and ("713"/\$.ccls. "380"/\$.ccls.)	USPAT	OR	ON	2005/05/27 16:00
S44	29	subsequent\$3 adj access\$6 with (\$valid\$6 \$authentica\$6) and ("713"/\$.ccls. "380"/\$.ccls.)	USPAT	OR	ON	2005/05/27 16:05
S45	361	(email e-mail) with stream\$6	USPAT	OR	ON	2005/05/27 16:05
S46	23	(email e-mail) with stream\$6 and ("713"/\$.ccls. "380"/\$.ccls.)	USPAT	OR	ON	2005/05/27 16:05
S51	1735	\$virus\$ with scan\$	US-PGPUB; USPAT	OR	ON	2005/05/27 16:17
S59	206	713/161.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 18:13

## EAST Search History

S60	1	("6199052" "2002012937").pn.	US-PGPUB; USPAT	OR	ON	2005/11/22 13:24
S61	2	("6199052" "20020012937").pn.	US-PGPUB; USPAT	OR	ON	2005/11/22 13:24
S62	2	("6199052" "20020129237").pn.	US-PGPUB; USPAT	OR	ON	2005/11/23 08:41
S64	95	("6154543" "6223213" "6223213" "5764899" "5923846" "6092114" "6430576" "6460075" "6564249" "6910052" "6389541" "5633916" "5818447" "6073142" "6321267" "5920697" "6202157" "6275850" "6304898" "6314456" "6324587" "6327578" "6330589" "6351271" "6351523" "6505237" "6618747" "6640301" "6671715" "6699125" "6711154" "6763373" "6836895" "6879995" "6917965" "6397254" "6421705" "6546417" "6081899" "6023345" "6327579" "6411943" "6938076" "6181781" "6212550" "6212550" "6351761" "6449635" "6489980" "6557036").pn. ("6563912" "6606647" "6609138" "6647409" "6662195" "6694316" "6741980" "6763384" "6772196" "6779022" "6789203" "6799278" "6842779" "6859834" "6865594" "6892105" "6898707" "6920478" "6950879" "5850518" "6405225" "6754694" "6828989" "6442600" "6584564" "6625642" "6754661" "6868160" "6886096" "6212261" "6212261" "6035327" "5751814" "5764639" "5889845" "6052709" "6078820" "6104500" "6118856" "6125281" "6192114" "6203217" "6211782" "6219638" "6211782" "6219638" "6240391" "6282373" "6295058" "6314454").pn.	US-PGPUB; USPAT	OR	ON	2005/11/22 14:39
S65	289	validate same email	US-PGPUB; USPAT	OR	ON	2005/11/22 15:11
S66	2	validate same email same virus	US-PGPUB; USPAT	OR	ON	2005/11/22 15:11
S67	90	email same virus same check\$	US-PGPUB; USPAT	OR	ON	2005/11/22 15:11
S68	95	("6154543" "6223213" "6223213" "5764899" "5923846" "6092114" "6430576" "6460075" "6564249" "6910052" "6389541" "5633916" "5818447" "6073142" "6321267" "5920697" "6202157" "6275850" "6304898" "6314456" "6324587" "6327578" "6330589" "6351271" "6351523" "6505237" "6618747" "6640301" "6671715" "6699125" "6711154" "6763373" "6836895" "6879995" "6917965" "6397254" "6421705" "6546417" "6081899" "6023345" "6327579" "6411943" "6938076" "6181781" "6212550" "6212550" "6351761" "6449635" "6489980" "6557036").pn. ("6563912" "6606647" "6609138" "6647409" "6662195" "6694316" "6741980" "6763384" "6772196" "6779022" "6789203" "6799278" "6842779" "6859834" "6865594" "6892105" "6898707" "6920478" "6950879" "5850518" "6405225" "6754694" "6828989" "6442600" "6584564" "6625642" "6754661" "6868160" "6886096" "6212261" "6212261" "6035327" "5751814" "5764639" "5889845" "6052709" "6078820" "6104500" "6118856" "6125281" "6192114" "6203217" "6211782" "6219638" "6211782" "6219638" "6240391" "6282373" "6295058" "6314454").pn.	US-PGPUB; USPAT	OR	ON	2005/11/23 09:02
S69	7	("5623600" "5832208" "5889943" "6145079" "6161181" "6199052" "6321267").PN.	US-PGPUB; USPAT	OR	ON	2005/11/23 09:05
S70	86	("5623600").URPN.	USPAT	OR	ON	2005/11/23 09:48
S71	2256	receiv\$ same decrypt\$ same transfer\$	US-PGPUB; USPAT	OR	ON	2005/11/23 09:48
S72	1021	receiv\$ same decrypt\$ same transfer\$ same (server network)	US-PGPUB; USPAT	OR	ON	2005/11/23 09:49
S73	363	receiv\$ same decrypt\$ same transfer\$ same (server network)	USPAT	OR	ON	2005/11/23 09:56
S74	383	email adj server	USPAT	OR	ON	2005/11/23 09:56
S75	1974	email adj server	US-PGPUB; USPAT	OR	ON	2005/11/23 09:56
S76	526	email adj server and (encryption decryption)	US-PGPUB; USPAT	OR	ON	2005/11/23 09:57

## EAST Search History

S77	89	email adj server and (encryption decryption) and virus	US-PGPUB; USPAT	OR	ON	2005/11/23 10:10
S78	6	decrypt adj email adj message	US-PGPUB; USPAT	OR	ON	2005/11/23 10:20
S79	3	email same anti-virus same encryption	US-PGPUB; USPAT	OR	ON	2005/11/23 10:36
S80	77	server adj assisted	US-PGPUB; USPAT	OR	ON	2005/11/23 10:36
S81	3	server adj assisted and virus	US-PGPUB; USPAT	OR	ON	2005/11/23 10:44
S91	21	(US-20020007453-\$ or US-20020091776-\$ or US-20020095607-\$ or US-20020129237-\$ or US-20020147780-\$ or US-20040054886-\$).did. or (US-5623600-\$ or US-5832208-\$ or US-5889943-\$ or US-6145079-\$ or US-6161181-\$ or US-6199052-\$ or US-6321267-\$ or US-6442600-\$ or US-6487586-\$ or US-6584564-\$ or US-6609196-\$ or US-6650890-\$ or US-6654787-\$ or US-6772196-\$ or US-6851049-\$).did.	US-PGPUB; USPAT	OR	ON	2005/11/23 12:42
S92	1	"5889943".PN.	US-PGPUB; USPAT	OR	ON	2006/05/04 10:07
S93	5	ENCRYPTED SAME EMAIL SAME VIRUS SAME DETECTION	US-PGPUB; USPAT	OR	ON	2006/05/04 07:48
S94	1	CLIENT WITH DECRYPT SAME TRANSFER SAME REMOTE SAME PROCESS	USPAT	OR	ON	2006/05/04 07:50
S95	1	CLIENT WITH (DECRYPT DECRYPTS DECRYPTED) SAME TRANSFER SAME REMOTE SAME (PROCESS PROCESSING PROCESSED)	USPAT	OR	ON	2006/05/04 07:50
S96	4	CLIENT WITH (DECRYPT DECRYPTS DECRYPTED) SAME TRANSFER SAME REMOTE SAME (PROCESS PROCESSING PROCESSED)	US-PGPUB; USPAT	OR	ON	2006/05/04 08:19
S97	0	CLIENT WITH (DECRYPT DECRYPTS DECRYPTED) SAME TRANSFER SAME REMOTE SAME (PROCESS PROCESSING PROCESSED)	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 08:19
S98	0	CLIENT WITH (DECRYPT DECRYPTS DECRYPTED) SAME TRANSFER	IBM_TDB	OR	ON	2006/05/04 08:19
S99	2	CLIENT WITH (DECRYPT DECRYPTS DECRYPTED)	IBM_TDB	OR	ON	2006/05/04 08:25
S100	33196	COMPUTER AND VIRUS AND DETECT	US-PGPUB; USPAT	OR	ON	2006/05/04 08:25
S101	1830	COMPUTER AND VIRUS AND DETECT AND (ENCRYPT ENCRYPTION DECRYPT DECRYPTION)	US-PGPUB; USPAT	OR	ON	2006/05/04 08:26
S102	1122	COMPUTER AND VIRUS AND DETECT AND (ENCRYPT ENCRYPTION DECRYPT DECRYPTION) AND SERVER AND CLIENT	US-PGPUB; USPAT	OR	ON	2006/05/04 08:26
S103	1104	COMPUTER AND VIRUS AND DETECT AND (ENCRYPT ENCRYPTION DECRYPT DECRYPTION) AND SERVER AND CLIENT AND RECEIV\$	US-PGPUB; USPAT	OR	ON	2006/05/04 08:26
S104	166	COMPUTER AND VIRUS AND DETECT AND (ENCRYPT ENCRYPTION DECRYPT DECRYPTION) AND SERVER AND CLIENT AND RECEIV\$ AND \$2MIME	US-PGPUB; USPAT	OR	ON	2006/05/04 08:26
S105	166	COMPUTER AND VIRUS AND DETECT AND (ENCRYPT ENCRYPTION DECRYPT DECRYPTION) AND SERVER AND CLIENT AND RECEIV\$ AND \$4MIME	US-PGPUB; USPAT	OR	ON	2006/05/04 08:27
S106	1	"5889943".PN. AND (VIRUS DETECT\$ ENCRYPT\$ DECRYPT\$ TRANSFER\$)\	US-PGPUB; USPAT	OR	ON	2006/05/04 09:44
S107	1	"5889943".PN. AND (VIRUS DETECT\$ ENCRYPT\$ DECRYPT\$ TRANSFER\$)	US-PGPUB; USPAT	OR	ON	2006/05/04 09:44
S108	1	"5889943".PN. and (module different "same" computer server client device)	US-PGPUB; USPAT	OR	ON	2006/05/04 10:12
S109	1	"6199052".PN. and (module different "same" computer server client device REMOTE)	US-PGPUB; USPAT	OR	ON	2006/05/04 11:32

## EAST Search History

S11 0	2285	(antivirus anti adj virus anti-virus)	US-PGPUB; USPAT	OR	ON	2006/05/04 11:32
S11 1	3786	(antivirus anti adj virus anti-virus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 11:33
S11 2	370	S111 and (encrypt encryption decrypt decryption) and (email e-mail electronic adj mail) and (scan scanning check checking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 11:34
S11 3	361	S111 and (encrypt encryption decrypt decryption) and (email e-mail electronic adj mail) and (scan scanning check checking) and (client remote local server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 11:34
S11 8	14	("20020007453" "20020091776" "20020095607" "20020129237  "20020147780" "20040054886" "6442600" "6487586" "658456 4" "6609196" "6650890" "6654787" "6772196" "6851049").PN.	US-PGPUB; USPAT	OR	ON	2006/05/05 08:13
S11 9	26	(US-20040054886-\$ or US-20020129237-\$ or US-20020147780-\$ or US-20020095607-\$ or US-20020091776-\$ or US-20020157008-\$ or US-20020007453-\$).did. or (US-5889943-\$ or US-6321267-\$ or US-6772196-\$ or US-6584564-\$ or US-6609196-\$ or US-6487586-\$ or US-6851049-\$ or US-6199052-\$ or US-6393568-\$ or US-6851058-\$ or US-5832208-\$ or US-6721721-\$ or US-6701440-\$ or US-6145079-\$ or US-6442600-\$ or US-6161181-\$ or US-5623600-\$ or US-6650890-\$ or US-6654787-\$).did.	US-PGPUB; USPAT	OR	ON	2006/05/05 08:14
S12 0	12	S119 not S118	US-PGPUB; USPAT	OR	ON	2006/05/05 08:14
S12 1	12	(US-20020157008-\$).did. or (US-5623600-\$ or US-5832208-\$ or US-5889943-\$ or US-6145079-\$ or US-6161181-\$ or US-6199052-\$ or US-6321267-\$ or US-6393568-\$ or US-6701440-\$ or US-6721721-\$ or US-6851058-\$).did.	US-PGPUB; USPAT	OR	ON	2006/05/05 08:14
S12 2	267	713/161.ccis.	US-PGPUB; USPAT	OR	ON	2006/05/05 08:17